



**United States Environmental Protection Agency
Region 9 Laboratory**

**1337 S. 46th Street Building 201
Richmond, CA 94804**

Date: 2/21/2012

Subject: Analytical Testing Results - Project R33911
SDG: 12041B

From: Brenda Bettencourt, Director
EPA Region 9 Laboratory
MTS-2

To: Richard Fetzer
US EPA Region 3, Eastern Response Branch
3HS31

Attached are the results from the analysis of samples from the **Dimock Residential Groundwater** project. These data have been reviewed in accordance with EPA Region 9 Laboratory policy.

A full documentation package for these data, including raw data and sample custody documentation, is on file at the EPA Region 9 Laboratory. If you would like to request additional review and/or validation of the data, please contact Eugenia McNaughton at the Region 9 Quality Assurance Office.

If you have any questions, please ask for Richard Bauer, the Lab Project Manager at (510)412-2300.

Analyses included in this report:

Purgeable Petroleum Hydrocarbons by GC/FID



United States Environmental Protection Agency
Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804
Phone:(510) 412-2300 Fax:(510) 412-2302

Project Manager: Richard Fetzer

Project Number: R33911

Project: Dimock Residential Groundwater

US EPA Region 3, Eastern Response Branch

100 Gypsum Road

Stroudsburg PA, 18360

SDG: 12041B

Reported: 02/21/12 09:24

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
HW48	1202031-01	Water	02/08/12 16:06	02/10/12 09:40
HW48z	1202031-02	Water	02/08/12 16:06	02/10/12 09:40
TB31	1202031-03	Water	02/08/12 07:45	02/10/12 09:40
HW23	1202031-04	Water	02/08/12 15:42	02/10/12 09:40
HW23-P	1202031-05	Water	02/08/12 15:39	02/10/12 09:40
TB32	1202031-06	Water	02/08/12 07:55	02/10/12 09:40
HW21	1202031-07	Water	02/09/12 10:53	02/10/12 09:40
HW21z	1202031-08	Water	02/09/12 10:53	02/10/12 09:40
TB33	1202031-09	Water	02/09/12 07:30	02/10/12 09:40
HW22	1202031-10	Water	02/09/12 10:42	02/10/12 09:40
HW22-P	1202031-11	Water	02/09/12 10:50	02/10/12 09:40
TB34	1202031-12	Water	02/09/12 07:35	02/10/12 09:40

SDG ID 12041B

Insufficient sample volume was provided to perform matrix spike / matrix spike duplicate (MS/MSD) analysis on any samples for this sample delivery group.

Work Order(s)

1202031



United States Environmental Protection Agency
Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804
Phone:(510) 412-2300 Fax:(510) 412-2302

Project Manager: Richard Fetzer

Project Number: R33911

Project: Dimock Residential Groundwater

US EPA Region 3, Eastern Response Branch

100 Gypsum Road

Stroudsburg PA, 18360

SDG: 12041B

Reported: 02/21/12 09:24

Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1202031-01						Water - Sampled: 02/08/12 16:06			
Sample ID: HW48						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline		ND	U	50	ug/L	B2B0048	02/10/12	02/10/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>			110 %	76-121%		"	"	"	
Lab ID: 1202031-02						Water - Sampled: 02/08/12 16:06			
Sample ID: HW48z						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline		ND	U	50	ug/L	B2B0048	02/10/12	02/10/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>			108 %	76-121%		"	"	"	
Lab ID: 1202031-03						Water - Sampled: 02/08/12 07:45			
Sample ID: TB31						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline		ND	U	50	ug/L	B2B0048	02/10/12	02/10/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>			111 %	76-121%		"	"	"	
Lab ID: 1202031-04						Water - Sampled: 02/08/12 15:42			
Sample ID: HW23						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline		ND	U	50	ug/L	B2B0048	02/10/12	02/10/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>			110 %	76-121%		"	"	"	
Lab ID: 1202031-05						Water - Sampled: 02/08/12 15:39			
Sample ID: HW23-P						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline		ND	U	50	ug/L	B2B0048	02/10/12	02/10/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>			106 %	76-121%		"	"	"	
Lab ID: 1202031-06						Water - Sampled: 02/08/12 07:55			
Sample ID: TB32						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline		ND	U	50	ug/L	B2B0048	02/10/12	02/10/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>			108 %	76-121%		"	"	"	
Lab ID: 1202031-07						Water - Sampled: 02/09/12 10:53			
Sample ID: HW21						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline		ND	U	50	ug/L	B2B0048	02/10/12	02/10/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>			109 %	76-121%		"	"	"	
Lab ID: 1202031-08						Water - Sampled: 02/09/12 10:53			
Sample ID: HW21z						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline		ND	U	50	ug/L	B2B0048	02/10/12	02/10/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>			105 %	76-121%		"	"	"	
Lab ID: 1202031-09						Water - Sampled: 02/09/12 07:30			
Sample ID: TB33						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline		ND	U	50	ug/L	B2B0048	02/10/12	02/10/12	8015C/SOP380



United States Environmental Protection Agency
Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804
Phone:(510) 412-2300 Fax:(510) 412-2302

Project Manager: Richard Fetzter
Project Number: R33911
Project: Dimock Residential Groundwater

US EPA Region 3, Eastern Response Branch
100 Gypsum Road
Stroudsburg PA, 18360

SDG: 12041B
Reported: 02/21/12 09:24

Sample Results

Analyte	Reanalysis / Extract	Result	Qualifiers / Comments	Quantitation Limit	Units	Batch	Prepared	Analyzed	Method
Lab ID: 1202031-09						Water - Sampled: 02/09/12 07:30			
Sample ID: TB33						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
<i>Surrogate: a,a,a-Trifluorotoluene</i>						B2B0048	02/10/12	02/10/12	
Lab ID: 1202031-10						Water - Sampled: 02/09/12 10:42			
Sample ID: HW22						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline						B2B0048	02/10/12	02/10/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>						"	"	"	
Lab ID: 1202031-11						Water - Sampled: 02/09/12 10:50			
Sample ID: HW22-P						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline						B2B0048	02/10/12	02/10/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>						"	"	"	
Lab ID: 1202031-12						Water - Sampled: 02/09/12 07:35			
Sample ID: TB34						Purgeable Petroleum Hydrocarbons by EPA Method 8015C			
TPH as Gasoline						B2B0048	02/10/12	02/10/12	8015C/SOP380
<i>Surrogate: a,a,a-Trifluorotoluene</i>						"	"	"	

Quality Control

Analyte	Result	Qualifiers / Comments	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch B2B0048 - 5030 P&T TPH-G - TPH - Purgeable						Prepared & Analyzed: 02/10/12				
						Purgeable Petroleum Hydrocarbons by EPA Method 8015C - Quality Control				
Blank (B2B0048-BLK1)										
TPH as Gasoline						ND	U		50	ug/L
<i>Surrogate: a,a,a-Trifluorotoluene</i>						136			"	125
LCS (B2B0048-BS1)										
TPH as Gasoline						529			50	ug/L
<i>Surrogate: a,a,a-Trifluorotoluene</i>						141			"	125



United States Environmental Protection Agency
Region 9 Laboratory

1337 S. 46th Street, Building 201, Richmond, CA 94804
Phone:(510) 412-2300 Fax:(510) 412-2302

Project Manager: Richard Fetzer

US EPA Region 3, Eastern Response Branch

SDG: 12041B

Project Number: R33911

100 Gypsum Road

Reported: 02/21/12 09:24

Project: Dimock Residential Groundwater

Stroudsburg PA, 18360

Qualifiers and Comments

U Not Detected

NR Not Reported

RE1, RE2, etc: Result is from a sample re-analysis.